

CLAIMS

1. A three-dimensionally constructed warp knit fabric formed to include two front-surface and back-surface ground knit constructions and connection yarns interconnecting the two front-surface and back-surface ground knit constructions, the three-dimensionally constructed warp knit fabric characterized by comprising insertion yarns between the connection yarns, wherein the insertion yarn is fixed along the inner side of the back-surface ground knit construction.

2. A three-dimensionally constructed warp knit fabric of claim 1, characterized in that the insertion yarn is fixed by a fixing yarn to the back-surface ground knit construction.

3. A three-dimensionally constructed warp knit fabric of claim 1, characterized in that the insertion yarn is inserted in a course direction and/or a well direction.

4. A three-dimensionally constructed warp knit fabric of claim 1, characterized in that in a portion where the insertion yarn is fixed by a fixing yarn, the number of overlapped insertion yarns is 2 - 6, a total fineness all of the overlapped insertion yarns is 334 - 8400 dtex.

5. A three-dimensionally constructed warp knit fabric of claim 1, characterized in that an insertion density of the insertion yarns, shown by expression 1, is $0.006 - 0.4 \text{ g/cm}^3$, wherein

$$\text{insertion density} = S/10000T \dots (1)$$

where

S: amount of insertion yarn usage per 1 m^2 (g), and

T: thickness of the three-dimensionally constructed warp knit fabric (cm).

6. A manufacturing method for a three-dimensional warp knit formed to include two front-surface and back-surface ground

knit constructions and connection yarns interconnecting the two front-surface and back-surface ground knit constructions, the manufacturing method characterized in that the insertion yarns are inserted between the connection yarns, and the insertion yarn is fixed by fixing yarns along the inner side of the back-surface ground knit construction.